

City of Port Angeles Eighth & Valley



Elevation View

City of Port Angeles Eighth & Valley



Deck View

City of Port Angeles Eighth & Valley



Red Tagged Timber Column

City of Port Angeles Eighth & Valley



Red Tagged Pier Cap

City of Port Angeles Eighth & Valley



Red Tagged Horizontal Brace

City of Port Angeles Eighth & Valley



Spall in Soffit at Drain

King County Preston Bridge



Elevation View

King County Preston Bridge



Deck View

King County Preston Bridge



Typical Rust Pack at Steel Girders

King County Preston Bridge



Rust Pack at Pin & Hanger Catchers

King County Preston Bridge



Rust at Pin & Hangers

King County Preston Bridge



***Web Wall Cracked by Settlement
Middle Column is a Temporary Repair***

City of Odessa Dobson Bridge



Elevation View

City of Odessa Dobson Bridge



Deck View

City of Odessa Dobson Bridge



Spalling and Cracking at Bearing



***City of Odessa
Dobson Bridge***

***Cracking
at
Beam Seat***

City of Odessa Dobson Bridge



Concrete Cracking in Column



***City of Odessa
Dobson Bridge***

***Cracking
in
Column***

Cowlitz County Abernathy Creek Bridge



Elevation View

Cowlitz County Abernathy Creek Bridge



Deck View

Cowlitz County Abernathy Creek Bridge



***Red Tagged Column & Yellow
Tagged Cap on Rubble Pier***

Cowlitz County Abernathy Creek Bridge



***Another View of Deteriorated
Foundation Materials***

Mason County McLane Cove Bridge



Elevation View

Mason County McLane Cove Bridge



Deck View

Mason County McLane Cove Bridge



View of Underside of Timber Slab Deck

Mason County McLane Cove Bridge



Timber Piling & Cross Bracing

Adams County Snauffer Bridge



Elevation View

Adams County Snauffer Bridge



Deck View

City of Port Angeles Eighth & Tumwater



Elevation View

City of Port Angeles Eighth & Tumwater



Elevation of Timber Truss

City of Port Angeles Eighth & Tumwater



Soil Sloughing Beneath Pier

City of Port Angeles Eighth & Tumwater



Girder Exposed to Soil at Abutment

City of Port Angeles Eighth & Tumwater



View of Pier Foundation at Edge of Stream

City of Port Angeles Eighth & Tumwater



Timber Sill in Contact with Soil

Franklin County Fir Road



Elevation View

Franklin County Fir Road



Deck View

Franklin County Fir Road



Cracks in Multibeam Web

Franklin County Fir Road



Cracks in Multibeam Web

City of Dayton Patit Creek Bridge



Elevation View

City of Dayton Patit Creek Bridge



Deck View

City of Dayton Patit Creek Bridge



View of Abutments and Stream Channel

Kittitas County Charlton Road Bridge



Elevation View

Kittitas County Charlton Road Bridge



Deck View



***Kittitas
County
Charlton
Road Bridge***

***Crack in
Abutment Wall***



***Kittitas
County
Charlton
Road Bridge***

***Erosion at
Abutment Wall***



***Kittitas
County
Charlton
Road Bridge***

***Crack
at
Girder
Seat***

Kittitas County Charlton Road Bridge



***View Showing Restricted
Bridge Opening***

Walla Walla County Harvey Shaw Bridge



Elevation View

Walla Walla County Harvey Shaw Bridge



Deck View

Walla Walla County Harvey Shaw Bridge



Exposed Column Footings

Walla Walla County Harvey Shaw Bridge



Crack in Abutment Wall

Walla Walla County Harvey Shaw Bridge



Open Construction Joint

Walla Walla County Harvey Shaw Bridge



***Cracks and Spalling Abutment
Retaining Wall***

Adams County Ed Victor Bridge

205-1 E to W



Elevation View

Adams County Ed Victor Bridge

205-1 S to N



Deck View with Load Posting

Adams County Ed Victor Bridge



View of Timber Bent

Adams County Ed Victor Bridge



Timber Abutment Elements in Contact with Soil

Adams County Ed Victor Bridge



Timber Sawn Girders are Checked and Stained with V-rot

Adams County Ed Victor Bridge



Timber Running Planks are Worn & Weathered

Walla Walla County Evans Bridge



Elevation View

Walla Walla County Evans Bridge



Deck View

Walla Walla County Evans Bridge



Scour at Bridge Corner

Walla Walla County Evans Bridge



Concrete Scaling at Scour Hole

Walla Walla County Evans Bridge



Sloughing at Bridge Corner

City of Okanogan Salmon Creek Bridge



Elevation View

City of Okanogan Salmon Creek Bridge



Deck View

City of Okanogan Salmon Creek Bridge



Cracks with Exposed Rusty Reinforcing Steel in Multi-beam Webs

City of Okanogan Salmon Creek Bridge



Cracks with Exposed Rusty Reinforcing Steel in Multi-beam Webs

City of Okanogan Salmon Creek Bridge



Abutment Extensions and Open Crack

Adams County Weber Bridge



Elevation View

Adams County Weber Bridge



Deck View

Adams County Weber Bridge



View of Deteriorated Abutment Wall

Adams County Weber Bridge



Loss of Pointing in Rubble Abutment

Adams County Weber Bridge



View Showing Widening

Cowlitz County Imboden Bridge



Elevation View

Cowlitz County Imboden Bridge



Deck View

Cowlitz County Imboden Bridge



***Deterioration of Wheel Guard & Deck and
Maintenance of Bridge Railing***

Cowlitz County Imboden Bridge



Approach and Timber Deck Interface

Clark County Lucia Falls Bridge



Elevation View

Clark County Lucia Falls Bridge



Deck View

Clark County Lucia Falls Bridge



***Exposed Rusty Reinforcing
Steel in Soffit***

Clark County Lucia Falls Bridge



***Exposed Rusty Reinforcing
Steel in Girder Edge***

Lincoln County Cook Bridge



Elevation View

Lincoln County Cook Bridge



Deck View

Lincoln County Cook Bridge



View of Channel Facing East

Lincoln County Cook Bridge



View of Channel Facing West

Franklin County Crestloch Road Bridge



Elevation View

Franklin County Crestloch Road Bridge



Deck View

Franklin County Crestloch Road Bridge



Temporary Timber Shoring

Lewis County Garnet Bridge



Elevation View

Lewis County Garnet Bridge



Deck View

Lewis County Garnet Bridge



The Narrow Bridge Lets onto a T-Intersection

Lewis County Garnet Bridge



Erosion at Abutment

Lewis County Newaukum Bridge



Elevation View

Lewis County Newaukum Bridge



Deck View

Lewis County Newaukum Bridge



Portals and Sways Have Been Hit

Lewis County Newaukum Bridge



Broken Sway

Lewis County Newaukum Bridge



Bent Sways

Lewis County Newaukum Bridge



Exposed Reinforcing Steel in Deck

Stevens County Barstow Bridge



Elevation View

Stevens County Barstow Bridge



Deck View

Stevens County Barstow Bridge



***Roller Bearings at Pier 3 – Bridge
has Impacted the Abutment Backwall***

Stevens County Barstow Bridge



Span 1 Bearing at Pier 2

Stevens County Barstow Bridge



***Failing Paint System with Pack
Rust***

Stevens County Barstow Bridge



***Running Planks Broken and
Missing***

Franklin County Everett Road Bridge



Elevation View

Franklin County Everett Road Bridge



Deck View

Franklin County Everett Road Bridge



***Weathered and Split Railing
Components***

Franklin County Everett Road Bridge



***Stained & Rotted Timber
Members***

Stevens County Hedlund Bridge



Elevation View

Stevens County Hedlund Bridge



Deck View

Stevens County Hedlund Bridge



***Typical Spall in Overhang
Under Bridge Rail Posts***

Stevens County Hedlund Bridge



Severe Deck Scale

Stevens County Hedlund Bridge



High Load Hit

Stevens County Hedlund Bridge



Failing Paint System with Rust Pack

City of Waitsburg Main Street



Elevation View

City of Waitsburg Main Street



Deck View

City of Waitsburg Main Street



Deck Scaling

City of Waitsburg Main Street



Crack in Abutment

City of Waitsburg Main Street



View of Arch Showing Staining of Concrete

City of Waitsburg Main Street



View Showing Undermining at Abutment

Skagit County Burlington Alger Road Br.



Elevation View Lt.

Skagit County Burlington Alger Road Br.



Elevation View Rt.

Skagit County Burlington Alger Road Br.



Deck View

Skagit County Burlington Alger Road Br.



Deck Asphalt Cracking

Skagit County Burlington Alger Road Br.



Deteriorated Stained Timbers

Skagit County Burlington Alger Road Br.



Substandard Damaged Approach Railing

Whitman County Farband Bridge



Elevation View

Whitman County Farband Bridge



Deck View

Whitman County Farband Bridge



Restrictive Signing

Whitman County Farband Bridge



Shifting Timber Bent

Whitman County Farband Bridge



***Fire Damaged Girders & Bent are
Debris Covered and Mud Stained***

Whitman County Farband Bridge



***Fire Damaged and Mud Stained
Timber Sawn Girders***

Skagit County Nookachamps Creek Bridge



Deck View

Skagit County Nookachamps Creek Bridge



Soffit View

Skagit County Nookachamps Creek Bridge



Skagit County Nookachamps Creek Bridge



Lincoln County East Pfeifer Bridge



Elevation View

Lincoln County East Pfeifer Bridge



Deck View

Lincoln County East Pfeifer Bridge



View of Channel Facing North East

Lincoln County East Pfeifer Bridge



View of Channel Facing South West

Pierce County Mashell River Bridge



Elevation View

Pierce County Mashell River Bridge



Deck View

Pierce County Mashell River Bridge



View of Soffit

Pierce County Mashell River Bridge



View of Channel

Franklin County North Waluke Road Bridge



Elevation View

Franklin County North Waluke Road Bridge



Deck View

Franklin County North Waluke Road Bridge



Rotten Timber Members

Franklin County North Waluke Road Bridge



***Stained & Rotten Timber Members in
Contact with Soil***

Adams County Packard Bridge



Elevation View

Adams County Packard Bridge



Deck View

Adams County Packard Bridge



***View Showing Deteriorated
Concrete Column***

Pierce County Puyallup River Bridge



Elevation View

Pierce County Puyallup River Bridge



Deck View

Lincoln County G. Kuntz Bridge



Elevation View

Lincoln County G. Kuntz Bridge



Deck View

Lincoln County G. Kuntz Bridge



View of Channel Facing North

Lincoln County G. Kuntz Bridge



View of Channel Facing South